

Enhanced Observation

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Enhanced Observation

- Goal: Add to sustained observing system within a prescribed SPURS region
- Location is a 15 X 15 degree box centered from 15-30N and from 30-45W
- Optimum Period: June 2012 – Sept 2013
- Sustained: Drifters, Argo Floats, TSG, XBT
- Opportunity: (Ron Brown) – Mooring enhancement (20N, 38W), Underway CTD

Enhanced Observation

- Salinity Drifters (2012)
 - Strasse 20-25
 - Pirata 10
 - Knorr 40
- Salinity Drifters (2013)
 - Midas 10
 - Endeavor 30-40
- SST Drifters (~80)
 - Mostly by merchant ships
- Actions
 - Refine plan for deployment within 3 months (mid-April) by Drifter WG

Enhanced Observation

- Argo Floats (~25)
- Mix of RV and Merchant vessel deployment
- No plan yet arranged (Plans exist for tropical deployment of 34 floats in 2012).
- Action: Enhancement plan due mid-April 2012 (Riser)

Enhanced Observation

- XBT
- Reestablish
 - AX20 (France-Cayenne) – 3xYr (2012) + 4xYr(2013)
 - USA Equipment, France logistics
- Enhance quarterly lines
 - AX7 (Gibraltar-Miami) Adding one additional transect in both 2012 and 2013.
 - AX8 (CT to NY) Adding one additional transect in both 2012 and 2013.

Enhanced Observation

- TSG - Enhancement is to maintain TSG on Gibraltar-Miami (AX-7) through 2013 (2 ships gives 25 transect per year). KNORR TSG in real time (?)
- Underway CTD (Ron Brown)
 - Pirata cruise in Sept (2012-13)
 - Endeavor cruise 2013 may be able to borrow NOAA AOML underway CTD (TBC)
 - Action: What is the best deployment strategy? (Goni)
- Flux package (20N, 38W)
 - Action: Review status of flux package (Kessler/Goni)